

"IMPROVEMENTS TO TOBACCO COMPOSITION"

WE CLAIM:

1.- Improvements to a tobacco composition comprising from 5.0 to 90.0% by weight of a fibrous tobacco material containing tobacco pectins having substantially no calcium and magnesium cross-links; a calcium compound in an amount sufficient to provide from 2.0 to 3.0% by weight of elemental calcium; a potassium compound in an amount sufficient to provide from 0.19 to 5.0% by weight of elemental potassium; from 5.0 to 20.0% of malic acid or a salt thereof; from 0.75 to 10.0% of citric acid or a salt thereof; from 1.0 to 6.0% of a humectant and from 5.0 to 20.0% of a sugar.

2.- Improvements to a tobacco composition of claim 1 wherein the calcium compound is selected from the group consisting of calcium hydroxide, calcium chloride and calcium acid phosphate and wherein the potassium compound is selected from the group consisting of potassium hydroxide, potassium sulfate, potassium acid phosphate and potassium chloride.

3.- Improvements to a tobacco composition of claim 1 wherein the humectant is selected from a group consisting of glycerine, triethylene glycol, butylene glycol and propylene glycol.

4.- Improvements to a tobacco composition of claim 2 wherein the humectant is selected from a group consisting of glycerine, triethylene glycol, butylene glycol and propylene glycol.

5.- Improvements to a tobacco composition comprising from 5.0 to 90.0% by weight of the fibrous tobacco material containing tobacco pectins having substantially no calcium and magnesium cross-links; a calcium compound in sufficient amount to provide from 2.0 to 3.0% by weight of elemental calcium; a potassium compound in sufficient amount to pro-

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vide from 0.19 to 5.0% by weight of elemental potassium; from 5.0 to 20.0% of malic acid or a salt thereof; from 0.75 to 10.0% by weight of citric acid or a salt thereof; from 1.0 to 6.0% by weight of a humectant selected from the group consisting of glycerine, triethylene glycol, butylene glycol, propylene glycol; from 5.0 to 20.0% by weight of a sugar selected from the group consisting of invert sugar, dextrose, fructose or sucrose; a magnesium compound in an amount sufficient to provide from 0.3 to 1.4% by weight of elemental magnesium; from 1.0 to 3.0% by weight of free nicotine or of a nicotine salt, and from 0.8 to 1.0% of a phosphate.

6.- Improvements to a tobacco composition comprising from 5.0 to 90.0% by weight of a fibrous tobacco material containing tobacco pectins having substantially no calcium and magnesium cross-links, a calcium compound selected from the group consisting of calcium hydroxide, calcium chloride and calcium acid phosphate in an amount sufficient to provide from 2.0 to 3.0% by weight of elemental calcium; a potassium compound selected from the group consisting of potassium hydroxide, potassium sulfate, potassium acid phosphate and potassium chloride, in an amount sufficient to provide from 0.1 to 5.0% by weight of elemental potassium; from 5.0 to 20.0% by weight of malic acid or a salt thereof, from 0.75 to 10.0% by weight of citric acid or salt thereof, from 1.0 to 6.0% by weight of a humectant selected from the group consisting of glycerine, triethylene glycol, butylene glycol or propylene glycol, and from 5.0 to 20.0% by weight of a sugar selected from the group consisting of invert sugar, dextrose, fructose, and sucrose.

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vide from 0.19 to 5.0% by weight of elemental potassium; from 0.1 to 20.0% of malic acid or a salt thereof; from 0.75 to 10.0% by weight of citric acid or a salt thereof; from 1.0 to 6.0% by weight of a humectant selected from the group consisting of glycerine, triethylene glycol, butylene glycol, propylene glycol; from 5.0 to 20.0% by weight of a sugar selected from the group consisting of invert sugar, dextrose, sucrose; a magnesium compound in an amount sufficient to provide from 0.3 to 1.4% by weight of elemental magnesium; from 1.0 to 3.0% by weight of two nicotine or of a nicotine salt, and from 0.8 to 1.0% of a phosphate.

6. - Improvements to a tobacco composition comprising the following ingredients: 90.0% by weight of a fibrous tobacco material containing nicotine, having substantially no calcium and magnesium cross-links, a calcium compound selected from the group consisting of calcium hydroxide, calcium chloride and calcium acid phosphate in an amount sufficient to provide from 2.0 to 3.0% by weight of elemental calcium; a potassium compound selected from the group consisting of potassium hydroxide, potassium sulfate, potassium acid phosphate and potassium chloride, in an amount sufficient to provide from 0.1 to 5.0% by weight of elemental potassium; from 5.0 to 20.0% by weight of malic acid or a salt thereof; from 0.75 to 10.0% by weight of citric acid or salt thereof; from 1.0 to 6.0% by weight of a humectant selected from the group consisting of glycerine, triethylene glycol, butylene glycol or propylene glycol, and from 5.0 to 20.0% by weight of a sugar selected from the group consisting of invert sugar, dextrose, fructose, and sucrose.

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